

| Ref # | Hits | Search Query                                   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-------|------------------|---------|------------------|
| L1    | 70   | encrypt\$ WITH location WITH identifier        | USPAT | OR               | ON      | 2004/12/07 11:35 |
| L2    | 4    | 1 and challenge near response                  | USPAT | OR               | ON      | 2004/12/07 11:36 |
| L3    | 1166 | challenge near response                        | USPAT | OR               | ON      | 2004/12/07 12:14 |
| L4    | 29   | 3 same (encrypted WITH access)                 | USPAT | OR               | ON      | 2004/12/07 12:16 |
| L5    | 0    | 3 same (encrypted WITH location)               | USPAT | OR               | ON      | 2004/12/07 12:16 |
| L6    | 41   | 3 and (encrypted WITH location)                | USPAT | OR               | ON      | 2004/12/07 12:16 |
| L7    | 13   | 3 and (encrypted near location)                | USPAT | OR               | ON      | 2004/12/07 12:20 |
| L8    | 13   | 7 and random near number                       | USPAT | OR               | ON      | 2004/12/07 13:32 |
| L9    | 12   | 7 and seed                                     | USPAT | OR               | ON      | 2004/12/07 12:39 |
| L10   | 13   | 7 and address                                  | USPAT | OR               | ON      | 2004/12/07 12:47 |
| L11   | 13   | 7 and size                                     | USPAT | OR               | ON      | 2004/12/07 12:47 |
| L12   | 1330 | address WITH data WITH size WITH information   | USPAT | OR               | ON      | 2004/12/07 12:47 |
| L13   | 131  | 12 WITH access                                 | USPAT | OR               | ON      | 2004/12/07 12:47 |
| L14   | 0    | 13 same advantag\$                             | USPAT | OR               | ON      | 2004/12/07 12:47 |
| L15   | 465  | access WITH data WITH size WITH information    | USPAT | OR               | ON      | 2004/12/07 12:49 |
| L16   | 6    | 15 same advantag\$                             | USPAT | OR               | ON      | 2004/12/07 12:49 |
| L17   | 91   | access WITH (data near1 size) WITH information | USPAT | OR               | ON      | 2004/12/07 13:11 |
| L18   | 0    | 17 same advantag\$                             | USPAT | OR               | ON      | 2004/12/07 12:49 |
| L19   | 1    | "6374399".pn.                                  | USPAT | OR               | ON      | 2004/12/07 13:12 |
| L20   | 1    | 19 and size                                    | USPAT | OR               | ON      | 2004/12/07 13:12 |
| L21   | 12   | 7 and double                                   | USPAT | OR               | ON      | 2004/12/07 13:32 |

|     |       |   |       |    |    |                     |
|-----|-------|---|-------|----|----|---------------------|
| S1  | 21194 | matsushita.as.  | USPAT | OR | ON | 2004/02/06<br>11:54 |
| S2  | 478   | (scrambl\$ OR encrypt\$) near<br>(location or identifier or area) | USPAT | OR | ON | 2004/02/06<br>11:55 |
| S3  | 1019  | challenge near response   | USPAT | OR | ON | 2004/02/06<br>12:36 |
| S4  | 0     | S2 same S3  | USPAT | OR | ON | 2004/02/06<br>11:56 |
| S5  | 33    | S2 and S3   | USPAT | OR | ON | 2004/02/06<br>14:15 |
| S6  | 3919  | location near (ID or<br>identification)                           | USPAT | OR | ON | 2004/02/06<br>12:01 |
| S7  | 36    | S6 same (encrypt\$ OR<br>scrambl\$)                               | USPAT | OR | ON | 2004/02/06<br>12:36 |
| S8  | 1     | S7 and S3   | USPAT | OR | ON | 2004/02/06<br>12:01 |
| S9  | 13    | S6 WITH (encrypt\$ OR<br>scrambl\$)                               | USPAT | OR | ON | 2004/02/06<br>12:24 |
| S10 | 1     | S7 and S3   | USPAT | OR | ON | 2004/02/06<br>13:30 |
| S11 | 1     | "6144739".pn.   | USPAT | OR | ON | 2004/02/06<br>13:30 |
| S12 | 1     | S11 and random  | USPAT | OR | ON | 2004/02/06<br>14:29 |
| S13 | 1     | S11 and (encrypt\$ WITH (id or<br>identification))                | USPAT | OR | ON | 2004/02/06<br>14:17 |
| S14 | 1     | S11 and (encrypt\$ same (id or<br>identification))                | USPAT | OR | ON | 2004/02/06<br>14:17 |
| S15 | 1     | S11 and challenge   | USPAT | OR | ON | 2004/02/06<br>14:17 |
| S16 | 1     | S11 and decrypt\$   | USPAT | OR | ON | 2004/02/06<br>14:24 |
| S17 | 27    | S3 and (copy near protection)                                     | USPAT | OR | ON | 2004/02/06<br>14:24 |
| S18 | 1     | S11 and key   | USPAT | OR | ON | 2004/02/06<br>14:29 |
| S19 | 3159  | shibata.in.   | USPAT | OR | ON | 2003/03/17<br>11:49 |
| S20 | 9     | shibata-osamu.in.   | USPAT | OR | ON | 2003/03/17<br>11:49 |
| S21 | 2     | yugawa-taihei.in.   | USPAT | OR | ON | 2003/03/17<br>11:50 |
| S22 | 3     | SEKIBE-TSUTOMU.in.  | USPAT | OR | ON | 2003/03/17<br>11:50 |

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|-----|-------|--|-------|----|----|---------------------|
| S23 | 2     | HIROTA-TERUTO.in.  | USPAT | OR | ON | 2003/03/17<br>11:52 |
| S24 | 23    | SAITO-YOSHIYUKI.in.  | USPAT | OR | ON | 2003/04/29<br>10:46 |
| S25 | 0     | OTAKE-TOSHIHIKO.in.  | USPAT | OR | ON | 2003/03/17<br>11:53 |
| S26 | 121   | 713/169.ccls.  | USPAT | OR | ON | 2003/04/28<br>14:30 |
| S27 | 51    | 713/169.ccls. AND<br>@pd<="20000114"   | USPAT | OR | ON | 2003/03/17<br>12:02 |
| S28 | 13    | 713/169.ccls. AND (access near<br>information)                                 | USPAT | OR | ON | 2003/03/17<br>11:56 |
| S29 | 40635 | storage near medium  | USPAT | OR | ON | 2003/03/17<br>12:02 |
| S30 | 3749  | (storage near medium) same<br>area   | USPAT | OR | ON | 2003/03/17<br>12:02 |
| S31 | 14    | ((storage near medium) same<br>area) same authentication                       | USPAT | OR | ON | 2003/08/05<br>11:46 |
| S32 | 101   | (srambled or encrypted) near10<br>(access near information)                    | USPAT | OR | ON | 2003/03/17<br>13:47 |
| S33 | 819   | challenge near response  | USPAT | OR | ON | 2003/03/17<br>13:22 |
| S34 | 77    | (challenge near response) and<br>(storage near medium)                         | USPAT | OR | ON | 2003/03/17<br>13:27 |
| S35 | 0     | (challenge near response) and<br>(web near publish\$)                          | USPAT | OR | ON | 2003/03/17<br>13:28 |
| S36 | 114   | (challenge near response) and<br>web   | USPAT | OR | ON | 2003/03/17<br>13:28 |
| S37 | 12    | Stefik.in.   | USPAT | OR | ON | 2003/03/17<br>13:58 |
| S38 | 1     | Stefik.in. and (challenge near<br>response)                                    | USPAT | OR | ON | 2003/03/17<br>13:54 |
| S39 | 819   | challenge near response  | USPAT | OR | ON | 2003/03/17<br>13:58 |
| S40 | 49    | (challenge near response)<br>same database                                     | USPAT | OR | ON | 2003/03/17<br>14:33 |
| S41 | 12251 | access near information  | USPAT | OR | ON | 2003/03/17<br>14:33 |
| S42 | 2612  | (access near information) same<br>(database or medium)                         | USPAT | OR | ON | 2003/03/17<br>14:33 |
| S43 | 1084  | (access near information)<br>WITH (pointer or identifier or<br>location or ID) | USPAT | OR | ON | 2003/03/17<br>14:34 |

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|-----|------|--|-------|----|-----|------------------|
| S44 | 152  | ((access near information) WITH (pointer or identifier or location or ID)) same database | USPAT | OR | ON  | 2003/03/17 14:36 |
| S45 | 446  | PIN WITH identifier  | USPAT | OR | ON  | 2003/03/17 14:36 |
| S46 | 71   | (PIN WITH identifier) same database  | USPAT | OR | ON  | 2003/03/17 15:49 |
| S47 | 161  | 707/9.cor.   | USPAT | OR | ON  | 2003/03/18 08:46 |
| S48 | 42   | "4956769".URPN.  | USPAT | OR | OFF | 2003/03/17 15:24 |
| S49 | 1    | 707/9.cor. and (challenge near response)   | USPAT | OR | ON  | 2003/03/17 15:29 |
| S50 | 1    | "5577209".PN.  | USPAT | OR | OFF | 2003/03/17 15:28 |
| S51 | 1    | "5774551".PN.  | USPAT | OR | OFF | 2003/03/17 15:28 |
| S52 | 1    | "5875296".PN.  | USPAT | OR | OFF | 2003/03/17 15:37 |
| S53 | 1    | "5065429".pn.  | USPAT | OR | OFF | 2003/03/17 15:37 |
| S54 | 1    | "5065429".pn. and random   | USPAT | OR | OFF | 2003/03/17 15:37 |
| S55 | 1748 | ID with pointer  | USPAT | OR | ON  | 2003/03/17 15:49 |
| S56 | 12   | (ID with pointer) same advantage   | USPAT | OR | ON  | 2003/03/17 15:50 |
| S57 | 7    | ((ID with pointer) same advantage) and database  | USPAT | OR | ON  | 2003/03/17 15:50 |
| S58 | 48   | concatenated with (random near number)   | USPAT | OR | ON  | 2003/03/17 16:54 |
| S59 | 21   | (concatenated with (random near number)) AND database                                    | USPAT | OR | ON  | 2003/03/17 16:00 |
| S60 | 6    | ((concatenated with (random near number)) AND database) and (challenge near response)    | USPAT | OR | ON  | 2004/02/06 11:48 |
| S61 | 141  | pad\$ same (random near number)  | USPAT | OR | ON  | 2003/03/17 16:17 |
| S62 | 1    | (scrambl\$ WITH (username or ID)) same (benefit or benefits or advantage)                | USPAT | OR | ON  | 2003/03/17 16:21 |
| S63 | 392  | scrambl\$ WITH (username or ID)  | USPAT | OR | ON  | 2003/03/17 16:36 |
| S64 | 1    | "5065429".pn.  | USPAT | OR | ON  | 2003/03/17 16:37 |

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|-----|-----|--|-------|----|----|---------------------|
| S65 | 0   | "5065429".pn. and pad\$  | USPAT | OR | ON | 2003/03/17<br>16:37 |
| S66 | 0   | "5065429".pn. and pad  | USPAT | OR | ON | 2003/03/17<br>16:37 |
| S67 | 109 | concatenat\$ with (random near<br>number)  | USPAT | OR | ON | 2003/03/17<br>17:03 |
| S68 | 1   | "4,386,266".pn.  | USPAT | OR | ON | 2003/03/17<br>17:00 |
| S69 | 1   | "4,386,266".pn. and decrypt\$  | USPAT | OR | ON | 2003/03/17<br>17:06 |
| S70 | 0   | "4,386,266".pn. and seed   | USPAT | OR | ON | 2003/03/17<br>17:16 |
| S71 | 0   | store same (random near<br>number near seed)                                     | USPAT | OR | ON | 2003/03/17<br>17:17 |
| S72 | 21  | store same (random near<br>number near seed)                                     | USPAT | OR | ON | 2003/03/17<br>17:18 |
| S73 | 8   | store WITH(random near<br>number near seed)                                      | USPAT | OR | ON | 2003/03/18<br>08:20 |
| S74 | 40  | store WITH(random near5<br>seed)   | USPAT | OR | ON | 2003/03/18<br>08:29 |
| S75 | 37  | 380/262.cor.   | USPAT | OR | ON | 2003/03/18<br>08:29 |
| S76 | 11  | 380/262.cor. and seed  | USPAT | OR | ON | 2003/03/18<br>08:29 |
| S77 | 3   | 380/262.cor. and (store WITH<br>seed)  | USPAT | OR | ON | 2003/03/18<br>08:30 |
| S78 | 9   | 707/9.cor. AND PIN   | USPAT | OR | ON | 2003/03/18<br>09:02 |
| S79 | 1   | "5638448".pn.  | USPAT | OR | ON | 2003/03/18<br>08:57 |
| S80 | 1   | "5638448".pn. and challenge  | USPAT | OR | ON | 2003/03/18<br>08:57 |
| S81 | 72  | 707/9.cor. AND ID  | USPAT | OR | ON | 2003/03/18<br>09:28 |
| S82 | 7   | 707/9.cor. AND (ID with<br>location)   | USPAT | OR | ON | 2003/03/18<br>09:28 |
| S83 | 1   | "5065429".pn. and (challenge<br>near response)                                   | USPAT | OR | ON | 2003/04/21<br>11:09 |
| S84 | 909 | challenge near response  | USPAT | OR | ON | 2003/04/21<br>12:00 |
| S85 | 721 | (challenge near response) and<br>(storage or media or medium)                    | USPAT | OR | ON | 2003/04/21<br>12:33 |
| S86 | 332 | ((challenge near response) and<br>(storage or media or medium))<br>and encrypt\$ | USPAT | OR | ON | 2003/04/21<br>11:10 |



|          |      |   |       |    |     |                     |
|----------|------|---|-------|----|-----|---------------------|
| S87      | 1    | "5065429".pn.   | USPAT | OR | ON  | 2003/04/21<br>11:57 |
| S88      | 0    | "6590470".PN.   | USPAT | OR | OFF | 2003/04/21<br>11:57 |
| S89      | 0    | "6590470".PN.   | USPAT | OR | OFF | 2003/04/21<br>11:57 |
| S90      | 0    | "6590470".PN.   | USPAT | OR | OFF | 2003/04/21<br>11:58 |
| S91      | 1    | "4941175".PN.   | USPAT | OR | OFF | 2003/04/21<br>11:58 |
| S92      | 1    | "4930073".PN.   | USPAT | OR | OFF | 2003/04/21<br>11:58 |
| S93      | 253  | (challenge near response) and<br>(random near number) and<br>encrypt\$            | USPAT | OR | ON  | 2003/04/21<br>12:01 |
| S94      | 66   | (challenge near response)<br>same (storage or media or<br>medium)                 | USPAT | OR | ON  | 2003/04/21<br>12:35 |
| S95      | 59   | (challenge near response)<br>same database  | USPAT | OR | ON  | 2003/04/21<br>12:41 |
| S96      | 1    | "5822539".pn.   | USPAT | OR | ON  | 2003/04/21<br>12:42 |
| S97      | 4153 | web near server   | USPAT | OR | ON  | 2003/04/21<br>12:42 |
| S98      | 4    | (web near server) same<br>(challenge near response)                               | USPAT | OR | ON  | 2003/04/21<br>13:04 |
| S99      | 123  | 713/169.ccls.   | USPAT | OR | ON  | 2003/04/21<br>13:04 |
| S10<br>0 | 28   | 713/169.ccls. and (challenge<br>near response)                                    | USPAT | OR | ON  | 2003/04/21<br>13:06 |
| S10<br>1 | 15   | 713/169.ccls. and (challenge<br>near response)and mutual                          | USPAT | OR | ON  | 2003/04/21<br>13:12 |
| S10<br>2 | 225  | mutual near authentication  | USPAT | OR | ON  | 2003/04/21<br>13:46 |
| S10<br>3 | 50   | (mutual near authentication)<br>and (challenge near response)                     | USPAT | OR | ON  | 2003/04/21<br>13:23 |
| S10<br>4 | 23   | ((mutual near authentication)<br>and (challenge near response))<br>and identifier | USPAT | OR | ON  | 2003/04/21<br>13:24 |
| S10<br>5 | 1    | "4,919,545".pn.   | USPAT | OR | ON  | 2003/04/21<br>13:24 |
| S10<br>6 | 0    | "4,919,545".pn. and mutual<br>and challenge                                       | USPAT | OR | ON  | 2003/04/21<br>13:24 |
| S10<br>7 | 0    | "4,919,545".pn. and mutual  | USPAT | OR | ON  | 2003/04/21<br>13:24 |

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|------|--------|---|--------------|----|----|------------------|
| S108 | 0      | "4,919,545".pn. and challenge   | USPAT        | OR | ON | 2003/04/21 13:24 |
| S109 | 37     | (mutual near authentication) and (storage near medium)                | USPAT        | OR | ON | 2003/04/21 15:26 |
| S110 | 87520  | mutual authentication   | USPAT        | OR | ON | 2003/04/21 15:26 |
| S111 | 4      | (mutual near authentication ) same advantage                          | USPAT        | OR | ON | 2003/04/21 15:32 |
| S112 | 15     | sollish.in.   | EPO; DERWENT | OR | ON | 2003/04/21 15:34 |
| S113 | 84     | authent\$ WITH (storage near medium)                                  | EPO; DERWENT | OR | ON | 2003/04/21 15:35 |
| S114 | 2      | (authent\$ WITH (storage near medium)) same (challenge near response) | EPO; DERWENT | OR | ON | 2003/04/21 15:46 |
| S115 | 1      | "6058476".pn.   | USPAT        | OR | ON | 2003/04/21 15:57 |
| S116 | 0      | 10-51439  | JPO          | OR | ON | 2003/04/21 15:49 |
| S117 | 365137 | matsushita.as.  | JPO          | OR | ON | 2003/04/21 15:49 |
| S118 | 29951  | matsushita.as. and "1998"   | JPO          | OR | ON | 2003/04/21 15:50 |
| S119 | 0      | (matsushita.as. and "1998") and "6058476"                             | JPO          | OR | ON | 2003/04/21 15:50 |
| S120 | 4      | "809379".pn.  | EPO; DERWENT | OR | ON | 2003/04/21 16:28 |
| S121 | 55     | (identifier same advantage) and encrypt\$                             | EPO; DERWENT | OR | ON | 2003/04/21 16:28 |
| S122 | 1139   | identifier same advantage   | USPAT        | OR | ON | 2003/04/21 16:29 |
| S123 | 147    | (Identifier same advantage) and encrypt\$                             | USPAT        | OR | ON | 2003/04/22 15:20 |
| S124 | 1      | "6058476".pn.   | USPAT        | OR | ON | 2003/04/21 16:55 |
| S125 | 1      | "6058476".pn. and extract\$   | USPAT        | OR | ON | 2003/04/21 16:56 |
| S126 | 14     | epstein-michael.in.   | USPAT        | OR | ON | 2003/04/22 15:20 |
| S127 | 18     | epstein and ticket  | USPAT        | OR | ON | 2003/04/22 15:20 |
| S128 | 1      | "5894596".pn.   | USPAT        | OR | ON | 2003/04/28 14:30 |
| S129 | 1      | "5894596".pn. and first   | USPAT        | OR | ON | 2003/04/28 14:39 |

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|----------|------|---|-------|----|----|---------------------|
| S13<br>0 | 1    | "5894596".pn. and power   | USPAT | OR | ON | 2003/04/28<br>14:39 |
| S13<br>1 | 0    | "5894596".pn. and on  | USPAT | OR | ON | 2003/04/28<br>14:40 |
| S13<br>2 | 17   | power near on   | USPAT | OR | ON | 2003/04/28<br>14:41 |
| S13<br>3 | 3    | (power near on) and phone   | USPAT | OR | ON | 2003/04/28<br>14:40 |
| S13<br>4 | 0    | (power near on) and warranty  | USPAT | OR | ON | 2003/04/28<br>14:41 |
| S13<br>5 | 2241 | warranty  | USPAT | OR | ON | 2003/04/28<br>14:41 |
| S13<br>6 | 256  | warranty and phone  | USPAT | OR | ON | 2003/04/28<br>14:42 |
| S13<br>7 | 169  | (warranty and phone) and power  | USPAT | OR | ON | 2003/04/28<br>14:44 |
| S13<br>8 | 74   | ((warranty and phone) and power) and cellular                                     | USPAT | OR | ON | 2003/04/28<br>14:46 |
| S13<br>9 | 68   | ((((warranty and phone) and power) and cellular) and first                        | USPAT | OR | ON | 2003/04/28<br>15:34 |
| S14<br>0 | 7329 | message near request  | USPAT | OR | ON | 2003/04/28<br>15:34 |
| S14<br>1 | 1678 | (message near request) and cellular   | USPAT | OR | ON | 2003/04/28<br>15:34 |
| S14<br>2 | 0    | ((message near request) and cellular) and warranty                                | USPAT | OR | ON | 2003/04/28<br>15:35 |
| S14<br>3 | 1026 | ((message near request) and cellular) and input                                   | USPAT | OR | ON | 2003/04/28<br>15:39 |
| S14<br>4 | 1010 | ((((message near request) and cellular) and input) and information                | USPAT | OR | ON | 2003/04/28<br>15:39 |
| S14<br>5 | 176  | ((((message near request) and cellular) and input) and (service near information) | USPAT | OR | ON | 2003/04/28<br>15:42 |
| S14<br>6 | 2605 | try near again  | USPAT | OR | ON | 2003/04/28<br>15:42 |
| S14<br>7 | 301  | (try near again) and cellular   | USPAT | OR | ON | 2003/04/28<br>15:42 |
| S14<br>8 | 225  | mutual near authentication  | USPAT | OR | ON | 2003/04/29<br>10:10 |
| S14<br>9 | 50   | (mutual near authentication ) and (challenge near response)                       | USPAT | OR | ON | 2003/04/29<br>10:24 |
| S15<br>0 | 1    | "5745571".pn.   | USPAT | OR | ON | 2003/04/29<br>10:25 |



|          |      |  |       |    |    |                     |
|----------|------|--|-------|----|----|---------------------|
| S15<br>1 | 1    | "5790666".pn.  | USPAT | OR | ON | 2003/04/29<br>10:26 |
| S15<br>2 | 1    | "5917915".pn.  | USPAT | OR | ON | 2003/04/29<br>10:26 |
| S15<br>3 | 39   | 713/165.cor.   | USPAT | OR | ON | 2003/04/29<br>10:50 |
| S15<br>4 | 1    | 713/165.cor. and (challenge<br>near response)                                      | USPAT | OR | ON | 2003/04/29<br>10:46 |
| S15<br>5 | 35   | 713/170.cor.   | USPAT | OR | ON | 2003/04/29<br>10:51 |
| S15<br>6 | 4    | 713/170.cor. and (challenge<br>near response)                                      | USPAT | OR | ON | 2003/04/29<br>10:51 |
| S15<br>7 | 163  | 713/170.ccls.  | USPAT | OR | ON | 2003/04/29<br>10:53 |
| S15<br>8 | 18   | 713/170.ccls. and (challenge<br>near response)                                     | USPAT | OR | ON | 2003/04/29<br>10:51 |
| S15<br>9 | 1106 | 713/200.ccls.  | USPAT | OR | ON | 2003/04/29<br>10:53 |
| S16<br>0 | 33   | 713/200.ccls. and (challenge<br>near response)                                     | USPAT | OR | ON | 2003/04/29<br>10:57 |
| S16<br>1 | 27   | (713/200.ccls. and (challenge<br>near response)) and storage                       | USPAT | OR | ON | 2003/04/29<br>11:04 |
| S16<br>2 | 176  | 380/201.ccls.  | USPAT | OR | ON | 2003/04/29<br>11:06 |
| S16<br>3 | 6    | 380/201.ccls. and (challenge<br>near response)                                     | USPAT | OR | ON | 2003/04/29<br>11:07 |
| S16<br>4 | 11   | 713/193.ccls. and (challenge<br>near response)                                     | USPAT | OR | ON | 2003/04/29<br>11:07 |
| S16<br>5 | 315  | 713/193.ccls.  | USPAT | OR | ON | 2003/04/29<br>11:08 |
| S16<br>6 | 4    | 713/193.ccls. and (mutual near<br>authentication)                                  | USPAT | OR | ON | 2003/04/29<br>11:10 |
| S16<br>7 | 274  | 705/51.ccls.   | USPAT | OR | ON | 2003/04/29<br>11:11 |
| S16<br>8 | 16   | 705/51.ccls. and ((mutual near<br>authentication) or (challenge<br>near response)) | USPAT | OR | ON | 2003/04/29<br>11:11 |
| S16<br>9 | 212  | 705/57.ccls.   | USPAT | OR | ON | 2003/04/29<br>11:11 |
| S17<br>0 | 8    | 705/57.ccls. and ((mutual near<br>authentication) or (challenge<br>near response)) | USPAT | OR | ON | 2003/04/29<br>11:11 |
| S17<br>1 | 1    | "5,649,185".pn.  | USPAT | OR | ON | 2003/08/05<br>12:10 |

|          |       |  |       |    |     |                     |
|----------|-------|--|-------|----|-----|---------------------|
| S17<br>2 | 1     | "5,649,185".pn. and advantag\$                 | USPAT | OR | ON  | 2003/08/05<br>13:46 |
| S17<br>3 | 1     | "5,649,185".pn. and (random<br>near number)    | USPAT | OR | ON  | 2003/08/05<br>12:08 |
| S17<br>4 | 1     | "6058476".pn.                                  | USPAT | OR | ON  | 2003/08/05<br>13:45 |
| S17<br>5 | 0     | "6058476".pn. and seed                         | USPAT | OR | ON  | 2003/08/05<br>12:25 |
| S17<br>6 | 0     | "5,649,185".pn. and seed                       | USPAT | OR | ON  | 2003/08/05<br>12:42 |
| S17<br>7 | 12031 | random near number                             | USPAT | OR | ON  | 2003/08/05<br>12:42 |
| S17<br>8 | 870   | (random near number) same<br>seed              | USPAT | OR | ON  | 2003/08/05<br>12:44 |
| S17<br>9 | 39    | (random near number) same<br>(store WITH seed) | USPAT | OR | ON  | 2003/08/05<br>12:44 |
| S18<br>0 | 1     | "5193115".pn.                                  | USPAT | OR | ON  | 2003/08/05<br>13:46 |
| S18<br>1 | 1     | "5193115".pn. and advantag\$                   | USPAT | OR | ON  | 2003/08/05<br>13:46 |
| S18<br>2 | 1     | "6058476".pn. and challenge                    | USPAT | OR | ON  | 2003/08/06<br>11:40 |
| S18<br>3 | 1     | "6058476".pn. and algorithm                    | USPAT | OR | ON  | 2003/08/06<br>11:50 |
| S18<br>4 | 0     | "6058476".pn. and (content<br>near key)        | USPAT | OR | ON  | 2003/08/06<br>11:50 |
| S18<br>5 | 1     | "6058476".pn.                                  | USPAT | OR | ON  | 2003/08/06<br>13:17 |
| S18<br>6 | 1     | "5745571".PN.                                  | USPAT | OR | OFF | 2003/08/06<br>13:37 |
| S18<br>7 | 1     | "5790666".PN.                                  | USPAT | OR | OFF | 2003/08/06<br>13:22 |
| S18<br>8 | 1     | "5917915".PN.                                  | USPAT | OR | OFF | 2003/08/06<br>13:22 |
| S18<br>9 | 0     | "5745571".PN. and challenge                    | USPAT | OR | OFF | 2003/08/06<br>17:08 |
| S19<br>0 | 1     | "5649185".pn.                                  | USPAT | OR | OFF | 2003/08/06<br>17:08 |
| S19<br>1 | 0     | "5649185".pn. and double                       | USPAT | OR | OFF | 2003/08/06<br>17:08 |
| S19<br>2 | 113   | double near encrypt\$                          | USPAT | OR | ON  | 2003/08/07<br>09:37 |
| S19<br>3 | 75    | (double near encrypt\$) WITH<br>key            | USPAT | OR | ON  | 2003/08/07<br>09:38 |

|          |    |  |       |    |    |                     |
|----------|----|--|-------|----|----|---------------------|
| S19<br>4 | 51 | ((double near encrypt\$) WITH<br>key) and advantag\$ | USPAT | OR | ON | 2003/08/07<br>11:14 |
| S19<br>5 | 1  | "5193115".pn.  | USPAT | OR | ON | 2003/08/07<br>10:46 |
| S19<br>6 | 1  | "5193115".pn. and stor\$                             | USPAT | OR | ON | 2003/08/07<br>10:46 |
| S19<br>7 | 1  | "4683968".pn. and advantag\$                         | USPAT | OR | ON | 2003/08/07<br>11:16 |
| S19<br>8 | 1  | "4683968".pn. and (double<br>near encrypt\$)         | USPAT | OR | ON | 2003/08/07<br>11:16 |